

Amendment to the Abstract:

Please replace the Abstract with the following new Abstract:

ABSTRACT OF THE DISCLOSURE

A method of selecting and delivering an element for a load-bearing structure includes providing load requirements and dimensions of the structure; addressing a computer to select an element from a computer database; defining specific dimensions thereof corresponding to the dimensions of the structure; and addressing the computer to calculate the specific load capability of the selected element for comparison with the load requirements of the structure. A positive validation response is forwarded if the load requirements are fulfilled. If not, a negative validation response is forwarded, and an alternative element is selected from the database, and the load capability thereof is calculated for comparison with the load requirements of the structure for fulfilment of the load requirements. Data identifying the alternative element along with the negative validation response is forwarded to the computer. The validation response produces a delivery order for the selected element or the alternative element.